

CLAIM AMENDMENT

Claims 1 to 8. (canceled)

9. (new) A heat therapy device comprising:

a plurality of upwardly protruding acupressure knobs on its upper surface, each of the acupressure knobs having superconductive and far-infrared emitting material attached to it,
an indented middle portion,

both side portions curved upwardly at a constant angle to allow them to come into close contact with the patient's body, especially the back or abdomen of the patient,

handles formed at respective upper ends of both side surfaces of the heat therapy device,

a digital temperature display window installed at one side of an upper surface of the heat therapy device,

upper and lower temperature adjustment buttons installed to one side of the temperature display window,

an on/off button, of toggle type, provided between the upper and lower temperature adjustment buttons, and

an electric power line formed at one side surface of the heat therapy device under one of the handles of the heat therapy device.

10. (new) A heat therapy system utilizing at least one heat therapy device, the heat therapy system comprising:

upper and lower bodies defining a receiving space therein,

control boxes formed at adjacent portions of the upper and lower bodies and adapted to control their respective components,

control panels shaped like a "C-shaped" plate and hinged such that each control panel is connected at its one side to an upper side of the respective control box through connectors, thereby facilitating service of the control boxes, the control panels being connected with electric power lines to the heat therapy devices,

motors formed at a center position of the respective lower portions of the upper and lower bodies,

pulleys formed at opposite sides of the motors,

upper and lower rails installed between the motors and pulleys, respectively, the upper and lower rails being arranged in two rows to correspond to the spine of the body,

timing belts positioned along a central axis between the upper and lower rails that are directly connected to the motors and pulleys, each timing belt being formed with bosses at its lower surface,

upper and lower mobile units coupled with the timing belts, and seated on the upper and lower rails, the upper and lower mobile units including a plurality of heat therapy devices, and

two other heat therapy devices formed on the upper body, the heat therapy devices being formed at left and right sides of the upper rails and adapted to apply acupressure and thermal treatment to both arms of the patient.

11. (new) The heat therapy system as set forth in claim 10, wherein each of the upper rails comprises a rail formed at its upper portion with a plurality of screw holes, and a plurality of detachable curved rail plates arranged at regular distances and formed at their upper portions with a plurality of screw holes, whereby screws are fastened to the upper portion of the rail through the screw holes of the rail plates.

12. (new) The heat therapy system as set forth in claim 10, wherein the upper mobile unit

comprises:

a carrier having a tensile force adjustment device at a central portion thereof,
coupling portions adapted to be coupled with corresponding coupling portions formed at one side of each of two pairs of linkages provided in the carrier, respectively, each coupling portion being formed with an upwardly extended protrusion at its upper surface, and
the heat therapy devices formed with a pair of rollers at both side surfaces,
said carrier further comprising:
a square body formed at a center portion of its upper surface with a linear coupling groove and a pair of screw bores,
a tensile force adjustment device coupled to the coupling groove of the body and adapted to adjust the tension of one of the timing belts,
two pairs of hinges formed at both side surfaces of the body,
linkages, each linkage being formed at both end portions with perforated holes and at one end with the coupling portion, one of the perforated holes being formed at the coupling portion, the other perforated hole being used for insertion of the hinge, and
rollers formed at opposite outer sides of the respective linkages and adapted to be coupled around the respective hinges.

13. (new) The heat therapy system as set forth in claim 12, wherein the tensile force adjustment device comprises:

a first tensile force adjustor formed at one side of the body,
a second tensile force adjustor formed at the other side of the body, the second tensile force adjustor having the same structure as that of the first tensile force adjustor, and
a tensile force adjustment screw fastened into the screw holes formed at the first and second tensile force adjustors and adapted to adjust the tension of the timing belt,
said first tensile force adjustor further comprising:

a lower tensile force adjustment plate coupled to one side of the upper center portion of the square body,

an upper tensile force adjustment plate extending upwards from one edge of the lower tensile force adjustment plate and formed with the tensile force adjustment screw hole,

belt fastening slits formed at one side of the upper center portion of the lower tensile force adjustment plate and adapted to fasten one of the timing belts,

a plurality of fixing holes formed at both sides of the belt fastening slits,

movement slots adjacent to the fixing holes, the movement slots being positioned to correspond with a pair of the screw bores formed at the body, thereby allowing screws to be fastened therethrough, and

an upper fixing plate for preventing the withdrawal of the timing belt, the upper fixing plate being formed with a plurality of perforated holes to allow screws to be fastened to the fixing holes therethrough.

14. (new) The heat therapy system as set forth in claim 10, wherein the lower mobile unit comprises:

a carrier having the same structure as that of the carrier of the upper mobile unit,

a rectangular bracket having upwardly protruding portions of a certain length, the upwardly protruding portions being coupled with the coupling portions formed on the respective linkages of the carrier provided in the upper mobile unit;

a pair of rollers formed at a lower surface of the bracket,

a plurality of screw bores arranged linearly at both sides of an upper surface of the bracket,

rails having a "┐-shaped" cross section, the rails being coupled to an upper side of the screw bores to form a T-shaped groove, each rail being formed with perforated holes to allow screws to be fastened to the screw bores therethrough;

a T-shaped insertion member adapted to be fitted into the T-shaped groove defined between the rails, the T-shaped insertion member being formed with a plurality of bores linearly arranged along a central axis thereof, and

heat therapy devices disposed above the T-shaped groove and formed with a plurality of screw bores corresponding to the bores, thereby allowing screws to be fastened therethrough.

15. (new) The heat therapy system as set forth in claim 10, wherein each of the heat therapy devices installed on the upper and lower mobile units is provided at its upper surface with a plurality of upwardly protruding acupressure knobs, which have the superconductive and far-infrared emitting material attached to them, wherein the respective heat therapy devices are curved upwards at a constant angle to allow them to come into close contact with the patient's body, especially the back or abdomen of the patient.

16. (new) The heat therapy system as set forth in claim 10, wherein each of the heat therapy devices installed at left and right sides of the upper rails is provided at its upper surface with a plurality of upwardly protruding acupressure knobs, which have the superconductive and far-infrared emitting material attached to them, wherein the respective heat therapy devices are curved upwards at a constant angle to allow them to come into close contact with the patient's body, especially the back or abdomen of the patient.